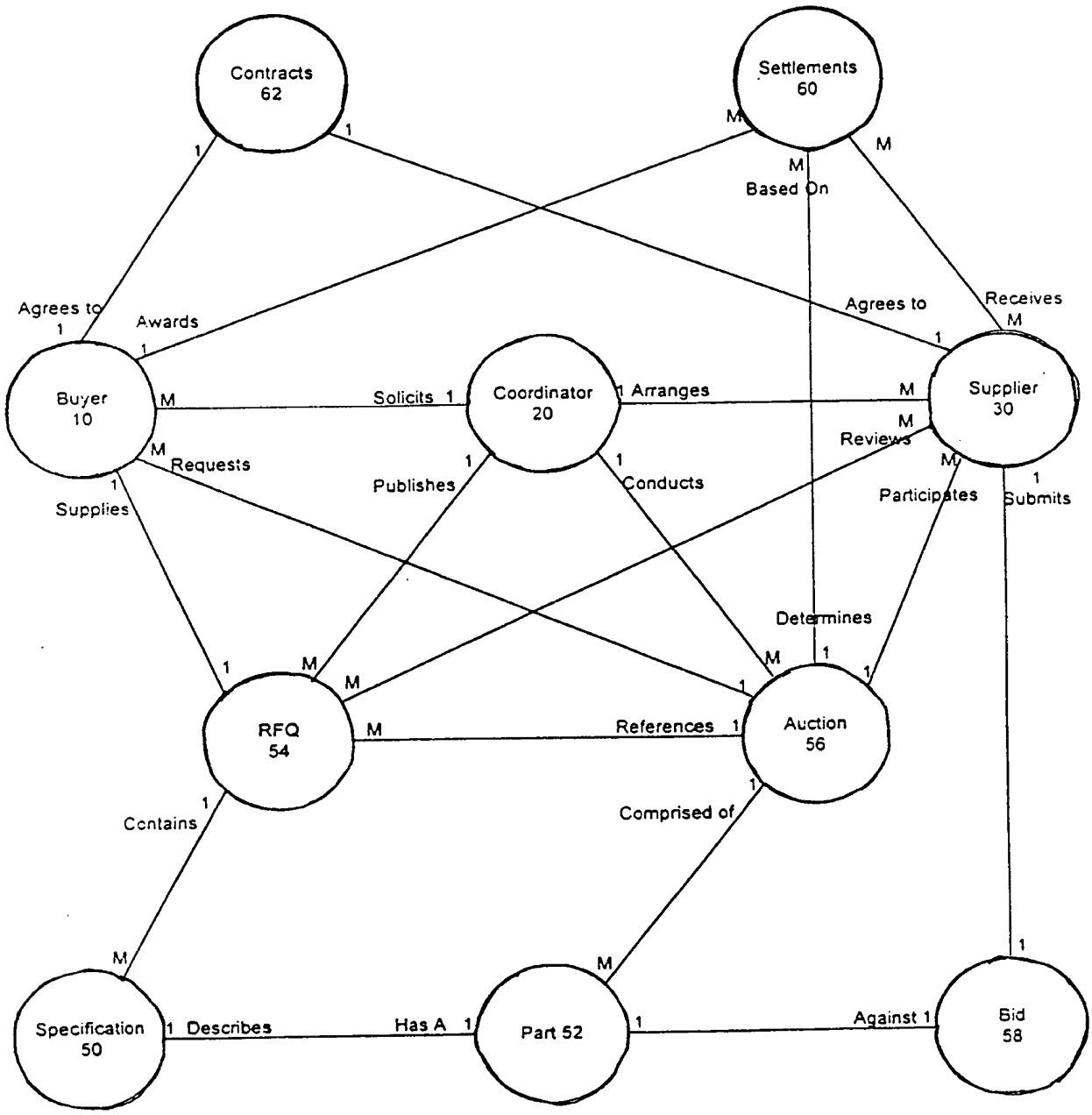

Contracts
62
Settlements
60
Buyer
10
Coordinator
20
Supplier
30
RFQ
54
Auction
56
Specification
50
Part 52
Bid
58
Agrees to
Awards
Solicits
Arranges
Receives
Based On
Requests
Publishes
Conducts
Reviews
Participates
Submits
Supplies
Determines
References
Contains
Comprised of
Describes
Has A
Against

Fig. 1

Fig. 2 - System Flow

	Coordinator	Buyer	Supplier
Initial Contact 102	Contact buyer	Provide Data	
RFQ 104	Collect & Administer RFQ Data	Provide RFQ Data	
	Publish & Administer RFQ		Access RFQ
	Manage RFQ Response		Respond to RFQ
Auction Administration 106		Request Auction	
	Coordinate & Administer Auction Setup		
	Assist & Administer User Auction Prep		Prepare for Auction
Conduct Auction 108	Assist & Administer Auction	Observe	Bid
Administer Auction Results 110	Analyze & Administer CBE Results	View Auction Results	View Auction Results
Contract Administration 112		Settlement	Settlement

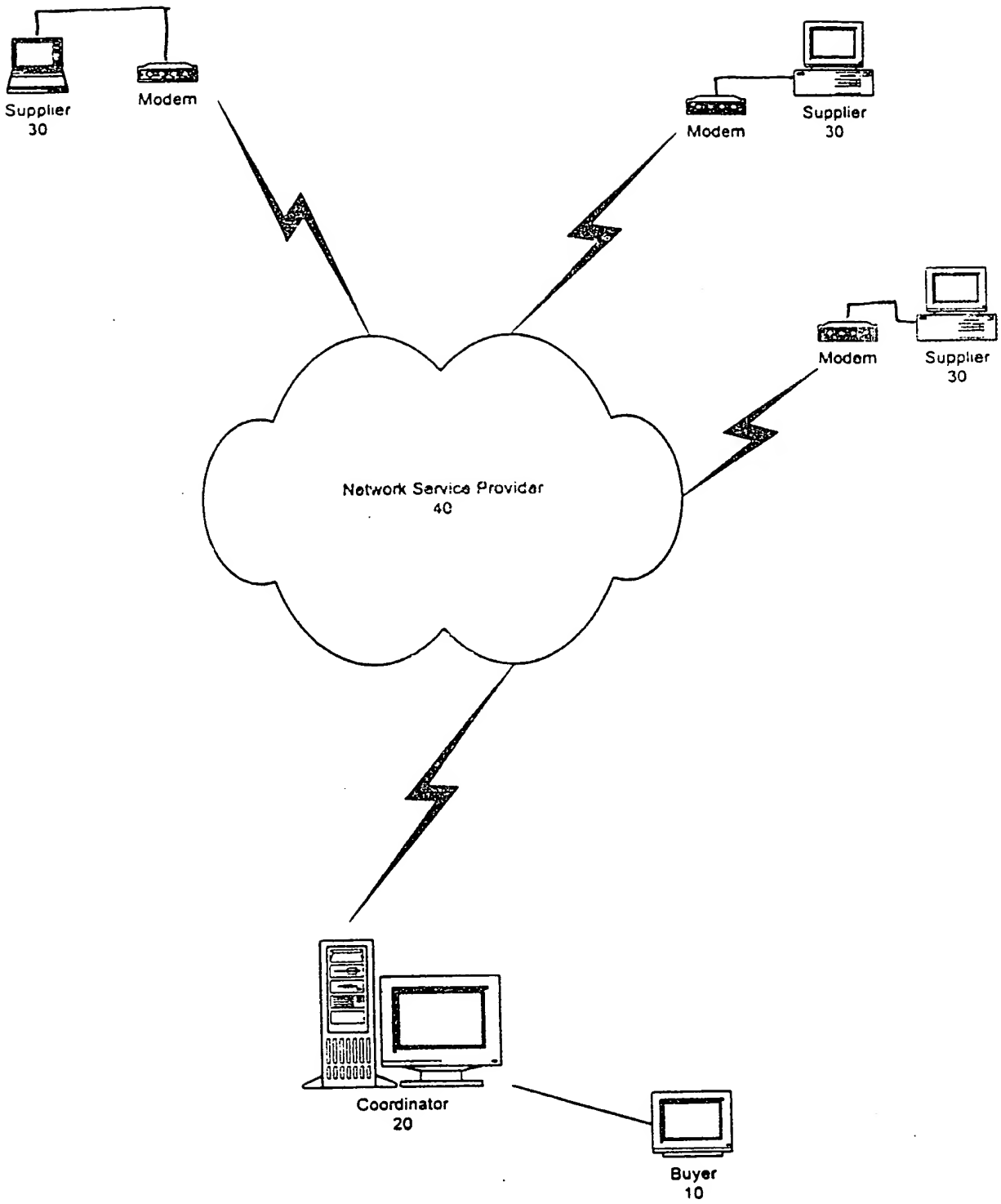
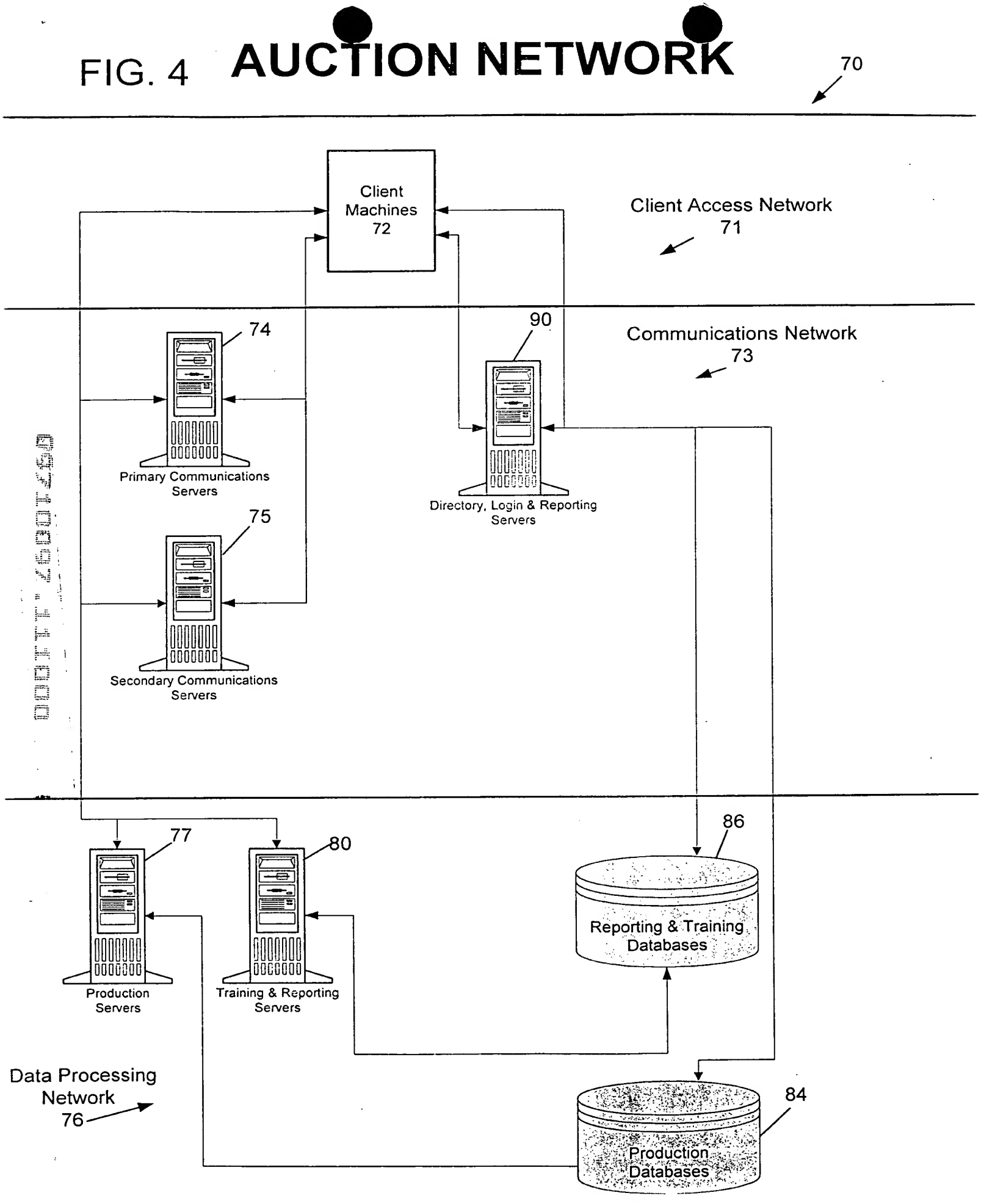

Supplier
30
Modem
Modem
Supplier
30
Modem
Supplier
30
Network Service Provider
40
Coordinator
20
Buyer
10

FIG. 3

FIG. 4


AUCTION NETWORK
70
Client Machines 72
Client Access Network 71
Communications Network 73
74
Primary Communications Servers
75
Secondary Communications Servers
90
Directory, Login & Reporting Servers
77
Production Servers
80
Training & Reporting Servers
86
Reporting & Training Databases
Data Processing Network 76
84
Production Databases

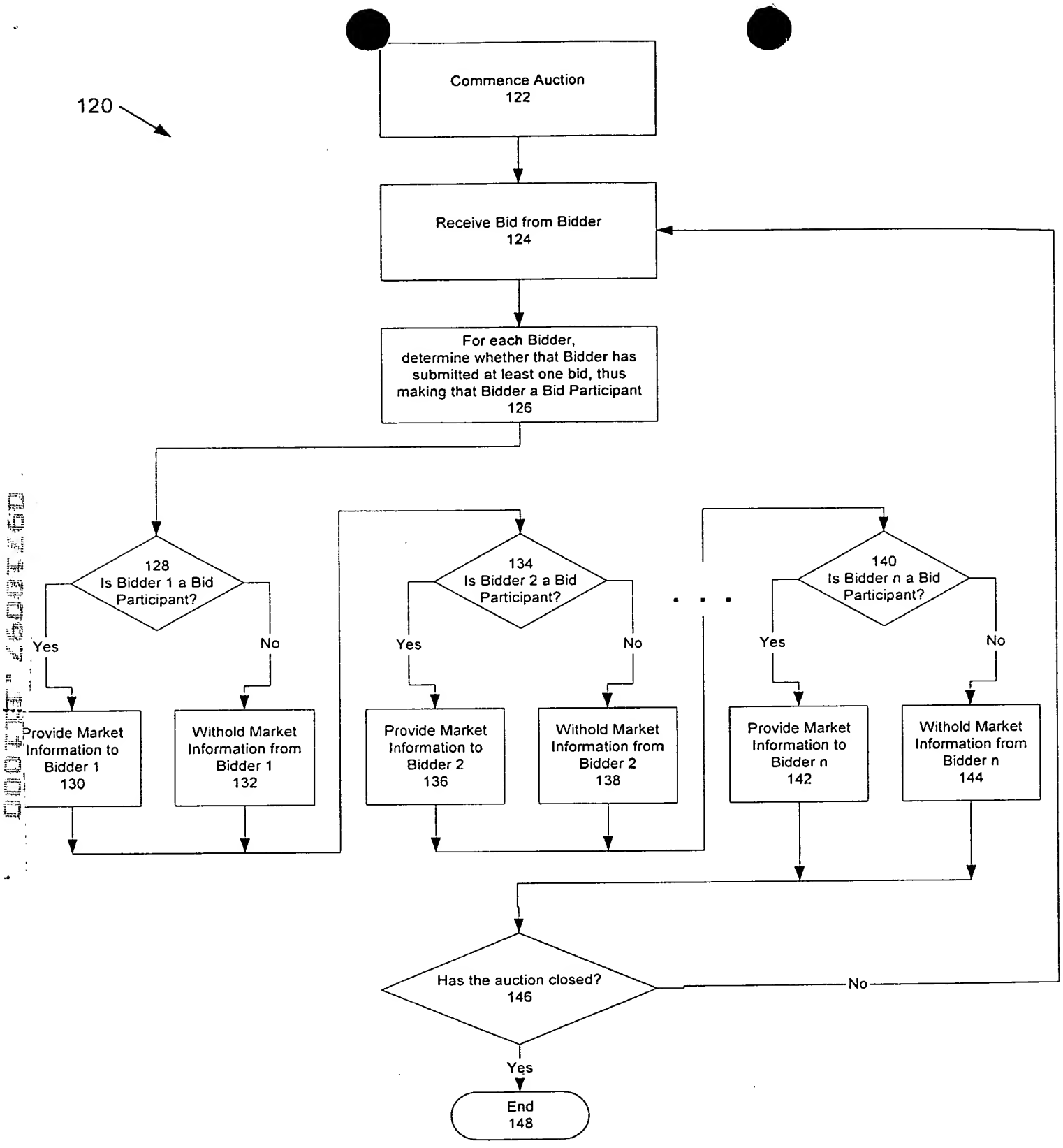

120
Commence Auction
122
Receive Bid from Bidder
124
For each Bidder, determine whether that Bidder has submitted at least one bid, thus making that Bidder a Bid Participant
126
128
Is Bidder 1 a Bid Participant?
Yes
No
Provide Market Information to Bidder 1
130
Withold Market Information from Bidder 1
132
134
Is Bidder 2 a Bid Participant?
Yes
No
Provide Market Information to Bidder 2
136
Withold Market Information from Bidder 2
138
140
Is Bidder n a Bid Participant?
Yes
No
Provide Market Information to Bidder n
142
Withold Market Information from Bidder n
144
Has the auction closed?
146
No
Yes
End
148

Fig. 5

CBE 053 - Test 35 MO-LI SG

File View Preferences Windows Help

Current Time: 09:53:05 AM E

CBE 053: Test 35 MO-LI SG

Sponsor: FreeMarkets, Inc.
Status: OPEN
View Currency: USD
Market Savings: -55.44%
Lots: 3

Lot 03: Lot 3 Parts

Market Leader: B & D Machine
Market vs Reserve: -132,000.00 (-52.80%)
Market vs Historic: -182,000.00 (-60.67%)
Time Remaining: 00:01:55
Status: OVERTIME (2)
Total Bids: 35

Available Lots

Num	Name	Close Time	Status	Historic	Reserve	Mkt Lead	Mkt vs Hist	Currency
01	Lot 1 Parts	9:41:00 AM	CLOSED	4,000,000.00	4,500,000.00	1,594,880.53	-60.13%	USD
02	Lot 2 Parts	9:50:00 AM	CLOSED	1,200,000.00	910,000.00	738,000.00	-462,000.00	USD
03	Lot 3 Parts	9:55:00 AM	OVERTIME (2)	300,000.00	250,000.00	118,000.00	-182,000.00	USD
	Totals:			5,500,000.00	5,660,000.00	2,450,880.53	-55.44%	

Bid History: Lot 03 - Lot 3 Parts

Bidder	Bid Time	Ext Bid	Bid vs Hist	Bid vs Resv
B & A Enterprises Inc - Option A	10/31/00 9:49:00 AM EST	150,000.00	-150,000.00	-100,000.00
B & D Machine - Option A	10/31/00 9:49:10 AM EST	149,000.00	-151,000.00	-101,000.00
B & B Screw Machine Specialists, Ltd. - Option B	10/31/00 9:49:26 AM EST	147,000.00	-153,000.00	-103,000.00
B & F Machine Company - Option B	10/31/00 9:49:23 AM EST	144,000.00	-156,000.00	-106,000.00
B & A Enterprises Inc - Option A	10/31/00 9:49:31 AM EST	143,000.00	-157,000.00	-107,000.00
B & B Screw Machine Specialists, Ltd. - Option B	10/31/00 9:49:34 AM EST	142,000.00	-158,000.00	-108,000.00
B & B Screw Machine Specialists, Ltd. - Option A	10/31/00 9:51:44 AM EST	142,000.00	-158,000.00	-108,000.00
B & F Machine Company - Option B	10/31/00 9:49:42 AM EST	141,500.00	-158,500.00	-108,500.00
B & G Mfg. Co. - Option B	10/31/00 9:49:38 AM EST	140,000.00	-160,000.00	-110,000.00
B & F Machine Company - Option B	10/31/00 9:49:54 AM EST	136,500.00	-163,500.00	-113,500.00
B & D Machine - Option A	10/31/00 9:50:00 AM EST	135,500.00	-164,500.00	-114,500.00
B & F Machine Company - Option A	10/31/00 9:50:07 AM EST	134,500.00	-165,500.00	-115,500.00
B & D Machine - Option A	10/31/00 9:51:16 AM EST	133,500.00	-166,500.00	-116,500.00
B & B Screw Machine Specialists, Ltd. - Option A	10/31/00 9:52:28 AM EST	132,500.00	-167,500.00	-117,500.00
B & B Screw Machine Specialists, Ltd. - Option B	10/31/00 9:52:34 AM EST	131,500.00	-168,500.00	-118,500.00
B & F Machine Company - Option A	10/31/00 9:52:50 AM EST	119,000.00	-181,000.00	-131,000.00
B & D Machine - Option A	10/31/00 9:53:05 AM EST	118,000.00	-182,000.00	-132,000.00

Right click for detailed bidding information

Lock

154 156 152 158 150

Fig. 6

168

CBE 053 - Test 35 MO-LI SG

File View Preferences Windows Help

164

166

Current Time: 09:50:55 AI

Submit Bid in Lot 03: Lot 3 Parts

My Bid: 300,000.00

Take Market | Bid Not Submitted

Reload Last Bid | Submit Bid

Available Offerings: Option A

Bid vs Market:

Bid Change: 0.00 (0.00%)

CBE 053: Test 35 MO-LI SG

Sponsor: FreeMarkets, Inc.

Bid Currency: USD | Lots: 3 | Status: OPEN

Lot 03: Lot 3 Parts

My Rank:

Total Bids: 168

Time Remaining: 00:02:05

Status: EXTENDED

Available Lots

Num	Name	Close Time	Status		Best Offering	My Best Bid	Mkt Lead	My vs Mkt	Reserve
01	Lot 1 Parts	9:41:00 AM	CLOSED		Option A	1,603,989.97	1,594,880.53	0.57%	4,500,000.00
02	Lot 2 Parts	9:50:00 AM	CLOSED	*		797,000.00	738,000.00	59,000.00	910,000.00
03	Lot 3 Parts	9:53:00 AM	EXTENDED		Option A	300,000.00			250,000.00
	Totals:								910,000.00

162

170

Bid History: Lot 03 - Lot 3 Parts

Bid History is not available until you submit a valid bid in this lot.

Fig. 7

180

Fig. 8

CBE 053 - Test 35 MO-LI SG

File View Preferences Windows Help

Current Time: 09:53:07 AI

184

Submit Bid in Lot 03: Lot 3 Parts

My Bid: 300,000.00

Take Market | Reload Last Bid | Submit Bid

Bid vs Market: 182,000.00

Bid Change:

Available Offerings: Option A

186

CBE 053: Test 35 MO-LI SG

Sponsor: FreeMarkets, Inc.

Bid Currency: USD | Lots: 3 | Status: OPEN

Lot 03: Lot 3 Parts

My Rank: 6 | Total Bids: 35

188

Time Remaining: 00:01:53

Status: OVERTIME

Available Lots

Num	Name	Close Time	Status		Best Offering	My Best Bid	Mkt Lead	My vs Mkt	Reserve
01	Lot 1 Parts	9:41:00 AM	CLOSED		Option A	1,603,989.97	1,594,880.53	0.57%	4,500,000.00
02	Lot 2 Parts	9:50:00 AM	CLOSED			797,000.00	738,000.00	59,000.00	910,000.00
03	Lot 3 Parts	9:55:00 AM	OVERTIME	*	Option A	300,000.00	118,000.00	182,000.00	250,000.00
	Totals:								910,000.00

182

190

Bid History: Lot 03 - Lot 3 Parts

Bidder	Ext Bid	Bid Time
Bidder5	150,000.00	10/31/00 9:49:00 AM EST
Bidder2	149,000.00	10/31/00 9:49:10 AM EST
Bidder4	147,000.00	10/31/00 9:49:26 AM EST
Bidder3	144,000.00	10/31/00 9:49:23 AM EST
Bidder5	143,000.00	10/31/00 9:49:31 AM EST
Bidder4	142,000.00	10/31/00 9:49:34 AM EST
Bidder4	142,000.00	10/31/00 9:51:44 AM EST
Bidder3	141,500.00	10/31/00 9:49:42 AM EST
Bidder7	140,000.00	10/31/00 9:49:38 AM EST
Bidder3	136,500.00	10/31/00 9:49:54 AM EST
Bidder2	135,500.00	10/31/00 9:50:00 AM EST
Bidder3	134,500.00	10/31/00 9:50:07 AM EST
Bidder2	133,500.00	10/31/00 9:51:16 AM EST
Bidder4	132,500.00	10/31/00 9:52:28 AM EST
Bidder4	131,500.00	10/31/00 9:52:34 AM EST
Bidder3	119,000.00	10/31/00 9:52:50 AM EST
Bidder2	118,000.00	10/31/00 9:53:05 AM EST

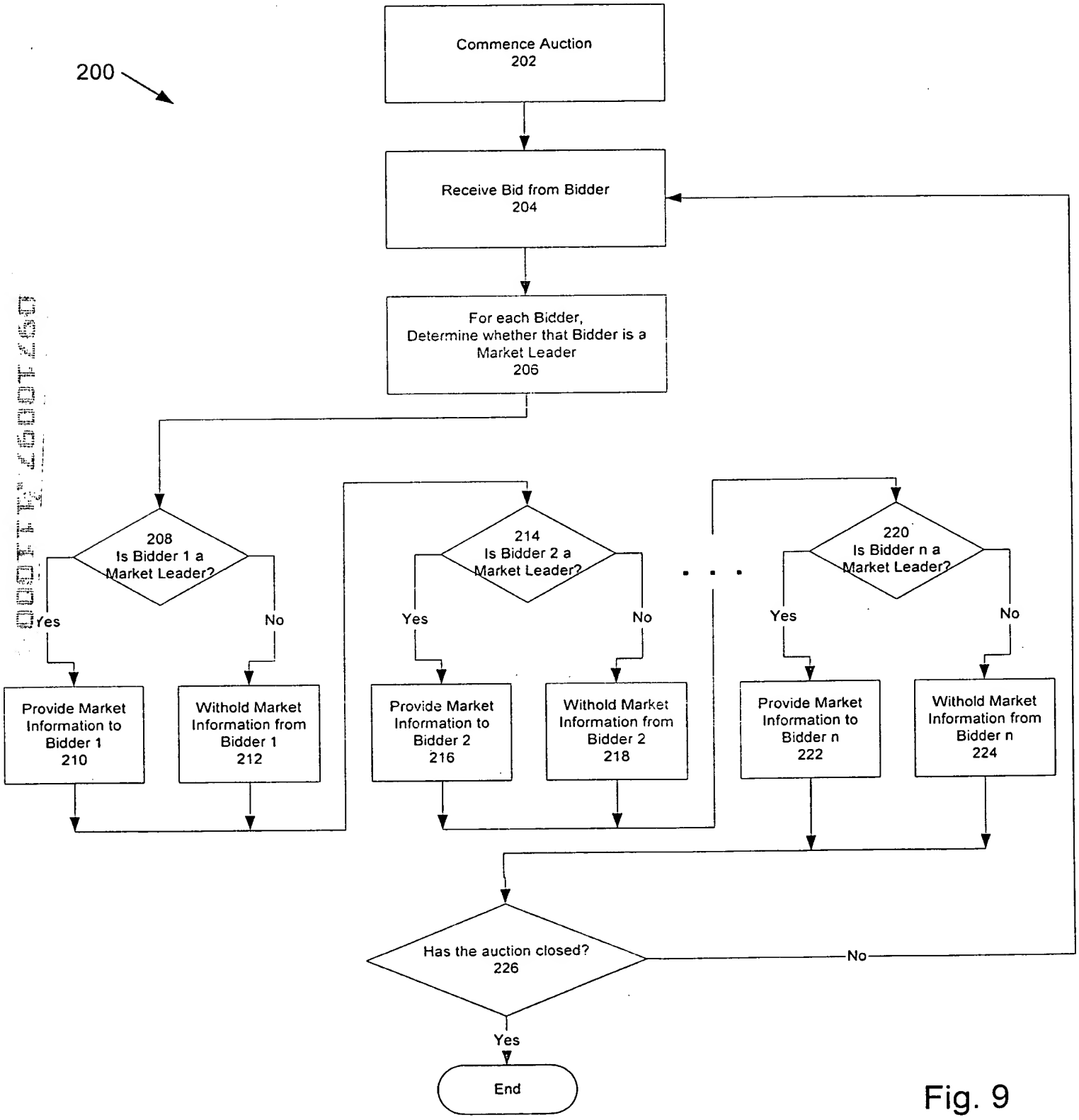

200
Commence Auction
202
Receive Bid from Bidder
204
For each Bidder,
Determine whether that Bidder is a
Market Leader
206
208
Is Bidder 1 a
Market Leader?
Yes
No
Provide Market
Information to
Bidder 1
210
Withold Market
Information from
Bidder 1
212
214
Is Bidder 2 a
Market Leader?
Yes
No
Provide Market
Information to
Bidder 2
216
Withold Market
Information from
Bidder 2
218
220
Is Bidder n a
Market Leader?
Yes
No
Provide Market
Information to
Bidder n
222
Withold Market
Information from
Bidder n
224
Has the auction closed?
226
No
Yes
End

Fig. 9

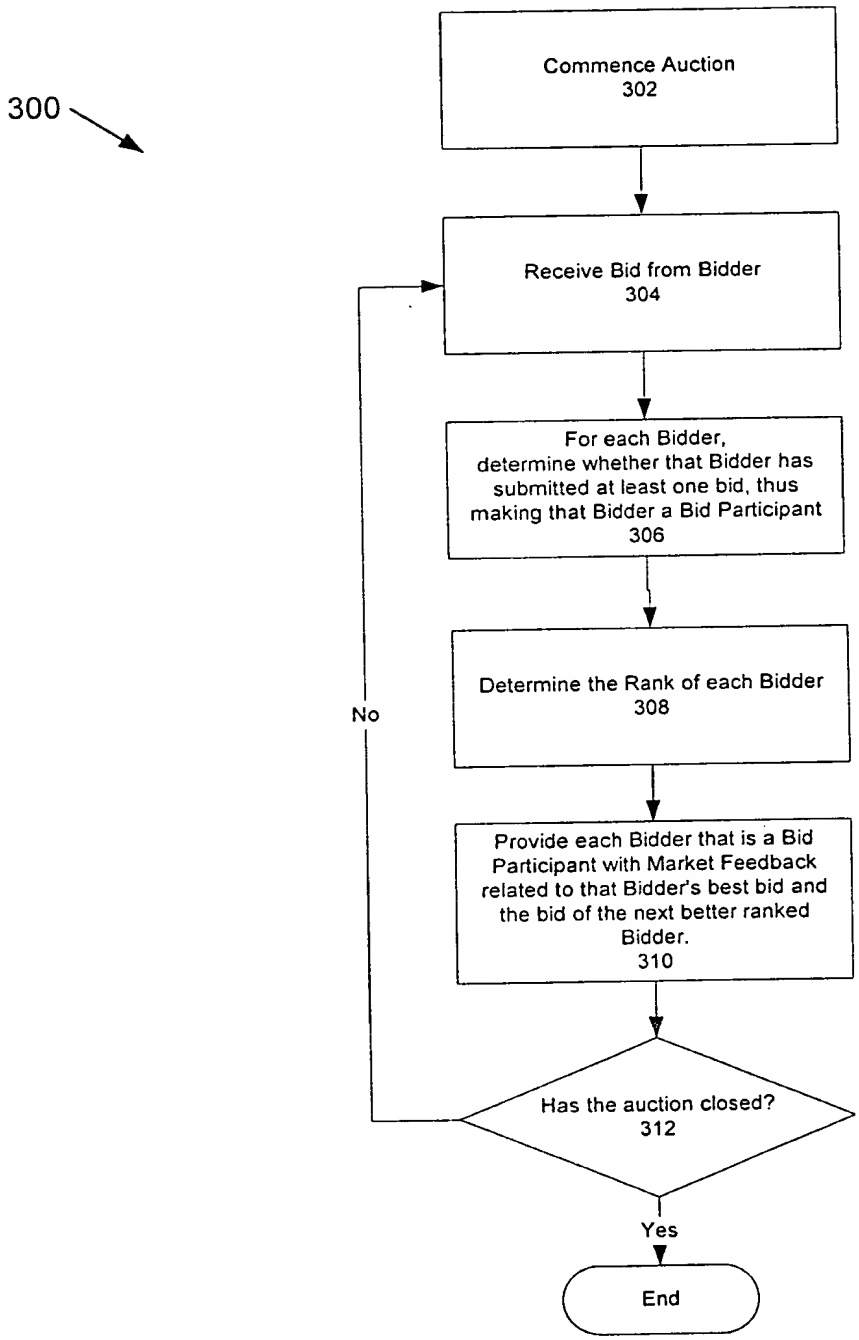

300
Commence Auction
302
Receive Bid from Bidder
304
For each Bidder,
determine whether that Bidder has
submitted at least one bid, thus
making that Bidder a Bid Participant
306
Determine the Rank of each Bidder
308
Provide each Bidder that is a Bid
Participant with Market Feedback
related to that Bidder's best bid and
the bid of the next better ranked
Bidder.
310
Has the auction closed?
312
No
Yes
End

Fig. 10

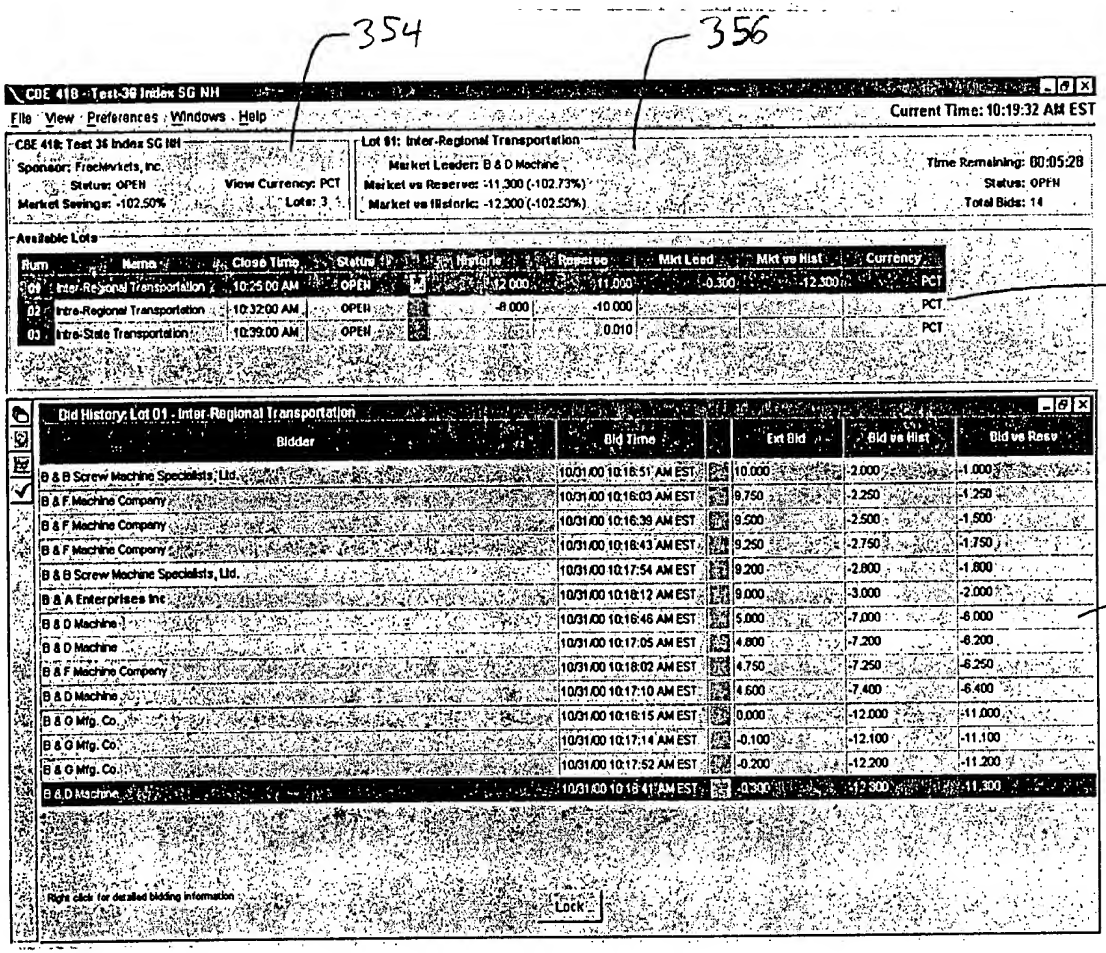

354
356
CDE 418 - Test-36 Index SG NH
File View Preferences Windows Help
Current Time: 10:19:32 AM EST
CBE 418: Test 36 Index SG NH
Sponsor: FreshMkts, Inc.
Status: OPEN
Market Savings: -102.50%
View Currency: PCT
Lots: 3
Lot 01: Inter-Regional Transportation
Market Leader: B & D Machine
Market vs Reserve: -11,300 (-102.73%)
Market vs Historic: -12,300 (-102.50%)
Time Remaining: 00:05:28
Status: OPEN
Total Bids: 14
Available Lots
Num
Name
Close Time
Status
Historic
Reserve
Mkt Lead
Mkt vs Hist
Currency
01 Inter-Regional Transportation 10:25:00 AM OPEN -12,000 -11,000 -0.300 -12,300 PCT
02 Intra-Regional Transportation 10:32:00 AM OPEN -8.000 -10.000 PCT
03 Intra-State Transportation 10:39:00 AM OPEN 0.010 PCT
Bid History: Lot 01 - Inter-Regional Transportation
Bidder
Bid Time
Ext Bid
Bid vs Hist
Bid vs Resv
B & B Screw Machine Specialists, Ltd. 10/31/00 10:16:51 AM EST 10.000 -2.000 -1.000
B & F Machine Company 10/31/00 10:16:03 AM EST 9.750 -2.250 -1.250
B & F Machine Company 10/31/00 10:16:39 AM EST 9.500 -2.500 -1.500
B & F Machine Company 10/31/00 10:16:43 AM EST 9.250 -2.750 -1.750
B & B Screw Machine Specialists, Ltd. 10/31/00 10:17:54 AM EST 9.200 -2.800 -1.800
B & A Enterprises Inc 10/31/00 10:18:12 AM EST 9.000 -3.000 -2.000
B & D Machine 10/31/00 10:16:46 AM EST 5.000 -7.000 -6.000
B & D Machine 10/31/00 10:17:05 AM EST 4.800 -7.200 -6.200
B & F Machine Company 10/31/00 10:18:02 AM EST 4.750 -7.250 -6.250
B & D Machine 10/31/00 10:17:10 AM EST 4.600 -7.400 -6.400
B & G Mfg. Co. 10/31/00 10:16:15 AM EST 0.000 -12.000 -11.000
B & G Mfg. Co. 10/31/00 10:17:14 AM EST -0.100 -12.100 -11.100
B & G Mfg. Co. 10/31/00 10:17:52 AM EST -0.200 -12.200 -11.200
B & D Machine 10/31/00 10:18:41 AM EST -0.300 -12.300 -11.300
Right click for detailed bidding information
Lock
350
352
358

Fig. 11

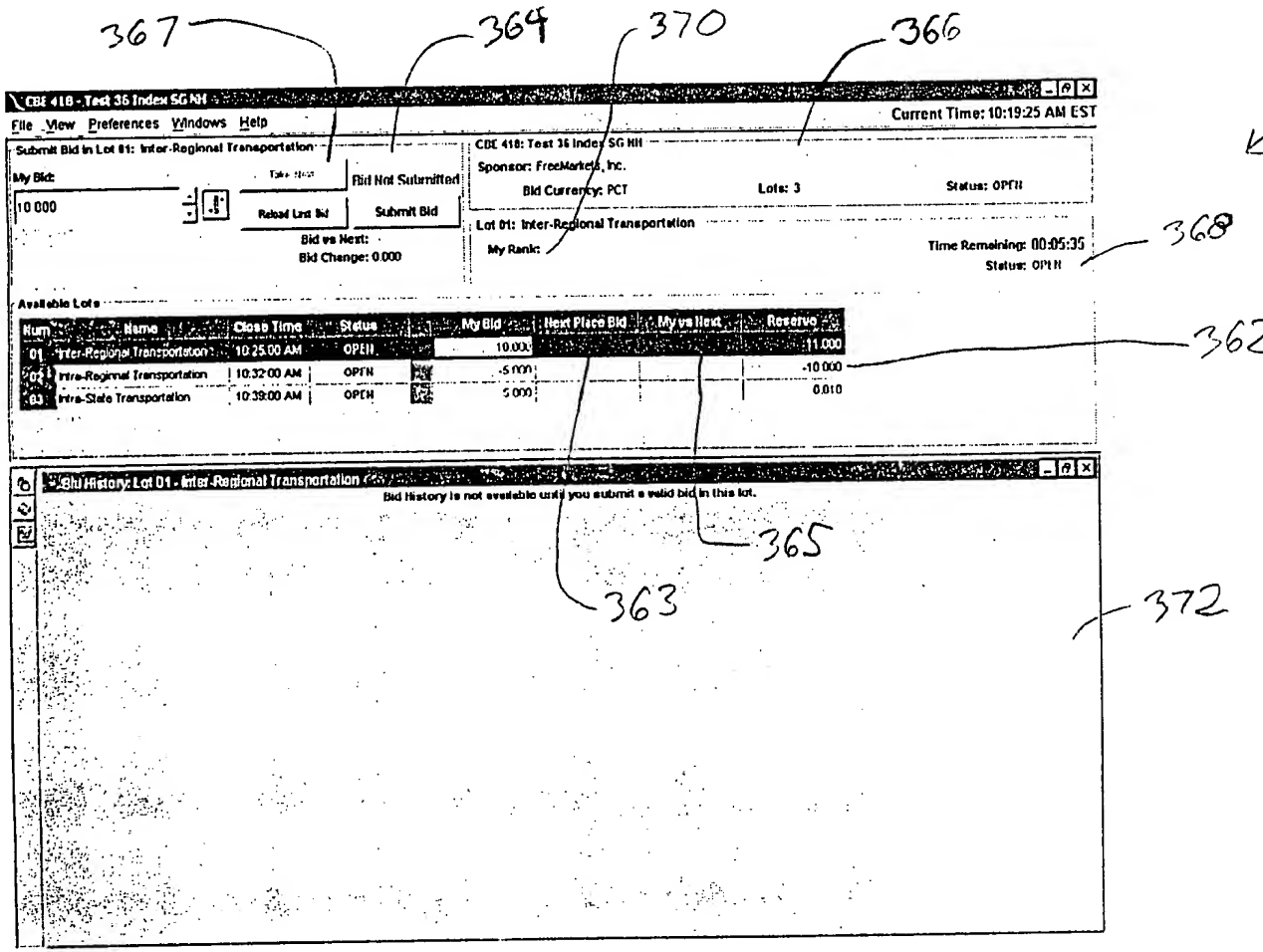

367
364
370
366
360
CDE 418 - Test 36 Index SG NH
File View Preferences Windows Help
Current Time: 10:19:25 AM EST
Submit Bid in Lot 01: Inter-Regional Transportation
My Bid:
10.000
Take Rank
Reload Last Bid
Bid Not Submitted
Submit Bid
Bid vs Next:
Bid Change: 0.000
CDE 418: Test 36 Index SG NH
Sponsor: FreeMarkets, Inc.
Bid Currency: PCT
Lots: 3
Status: OPEN
Lot 01: Inter-Regional Transportation
My Rank:
Time Remaining: 00:05:35
Status: OPEN
368
Available Lots
Num
Name
Close Time
Status
My Bid
Next Place Bid
My vs Next
Reserve
01 Inter-Regional Transportation 10:25:00 AM OPEN 10.000 11.000
02 Intra-Regional Transportation 10:32:00 AM OPEN -5.000 -10.000
03 Intra-State Transportation 10:39:00 AM OPEN 5.000 0.010
362
Bid History: Lot 01 - Inter-Regional Transportation
Bid History is not available until you submit a valid bid in this lot.
365
363
372

Fig. 12

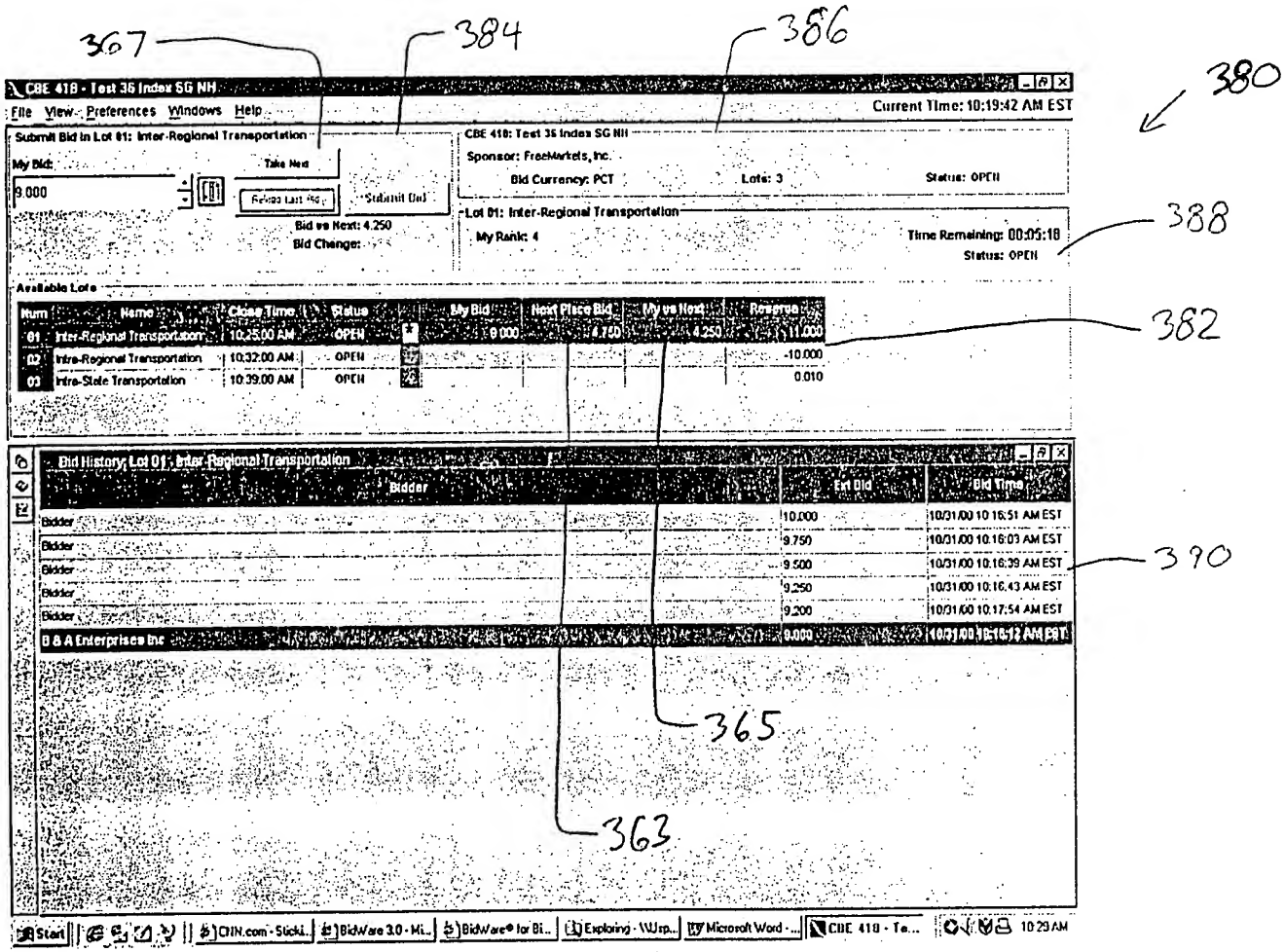

367
384
386
380
388
382
390
365
363
CBE 418 - Test 35 Index SG NH
File View Preferences Windows Help
Current Time: 10:19:42 AM EST
Submit Bid in Lot 01: Inter-Regional Transportation
My Bid:
9.000
Take Next
Submit Bid
Bid vs Next: 4.250
Bid Change:
CBE 418: Test 35 Index SG NH
Sponsor: FreeMarkets, Inc.
Bid Currency: PCT
Lots: 3
Status: OPEN
Lot 01: Inter-Regional Transportation
My Rank: 4
Time Remaining: 00:05:18
Status: OPEN
Available Lots
Num
Name
Close Time
Status
My Bid
Next Place Bid
My vs Next
Reserve
01 Inter-Regional Transportation 10:25:00 AM OPEN 9.000 4.750 4.250 11.000
02 Intra-Regional Transportation 10:32:00 AM OPEN -10.000
03 Intra-State Transportation 10:39:00 AM OPEN 0.010
Bid History: Lot 01: Inter-Regional Transportation
Bidder
Bid
Bid Time
Bidder 10.000 10/31/00 10:16:51 AM EST
Bidder 9.750 10/31/00 10:16:03 AM EST
Bidder 9.500 10/31/00 10:16:39 AM EST
Bidder 9.250 10/31/00 10:16:43 AM EST
Bidder 9.200 10/31/00 10:17:54 AM EST
B & A Enterprises Inc 9.000 10/31/00 10:16:12 AM EST
Start
10:29 AM

Fig. 13

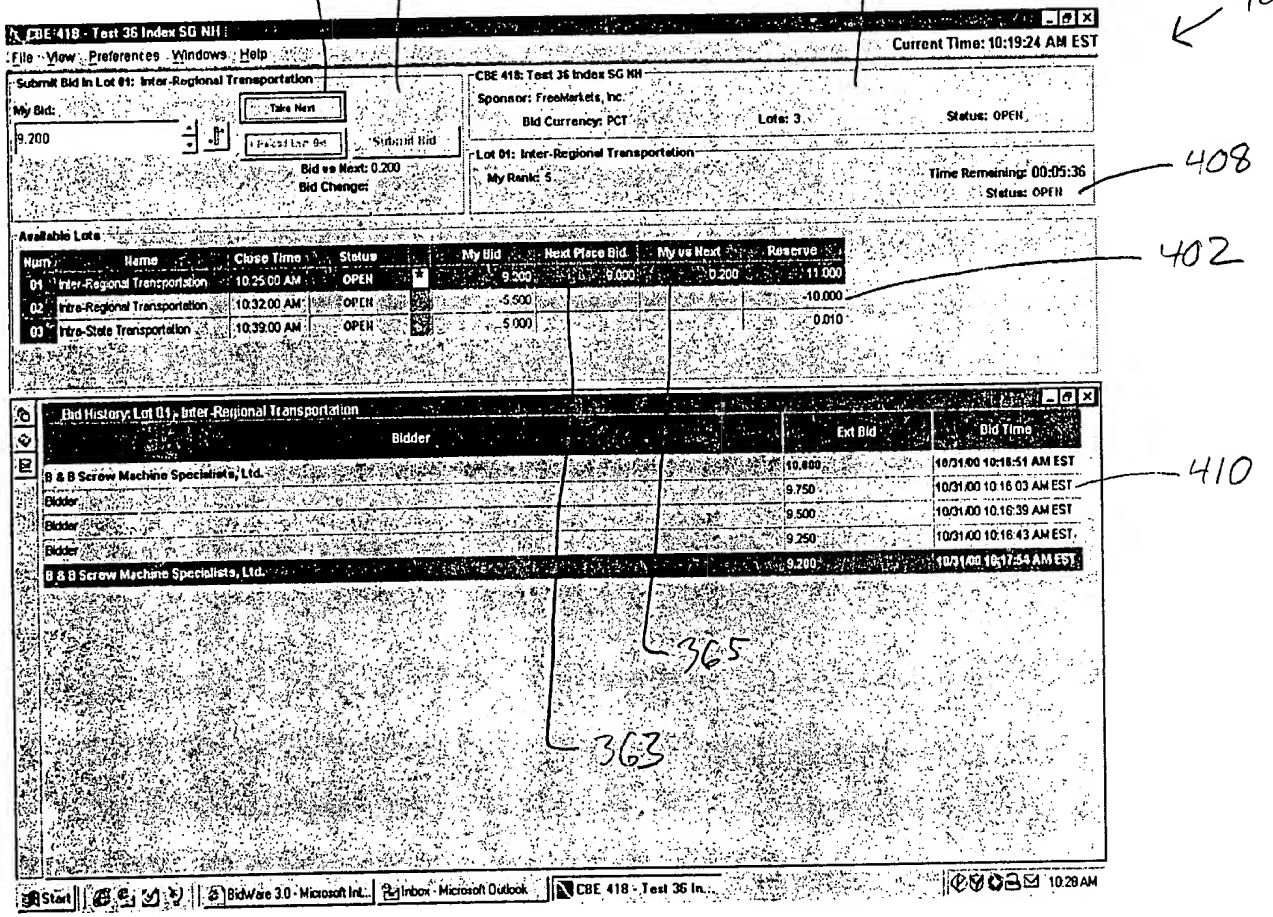

367
404
406
400
CBE 418 - Test 36 Index SG NH
Current Time: 10:19:24 AM EST
File View Preferences Windows Help
Submit Bid In Lot 01: Inter-Regional Transportation
My Bid:
9.200
Take Next
Submit Bid
Bid vs Next: 0.200
Bid Change:
CBE 418: Test 36 Index SG NH
Sponsor: FreeMarkets, Inc.
Bid Currency: PCT
Lots: 3
Status: OPEN
Lot 01: Inter-Regional Transportation
My Rank: 5
Time Remaining: 00:05:36
Status: OPEN
408
Available Lots
Num
Name
Close Time
Status
My Bid
Next Place Bid
My vs Next
Reserve
01 Inter-Regional Transportation 10:25:00 AM OPEN 9.200 9.000 0.200 11.000
02 Intra-Regional Transportation 10:32:00 AM OPEN 5.500 -10.000
03 Intra-State Transportation 10:39:00 AM OPEN 5.000 0.010
402
Bid History: Lot 01 - Inter-Regional Transportation
Bidder
Ext Bid
Bid Time
B & B Screw Machine Specialists, Ltd. 10.000 10/31/00 10:18:51 AM EST
Bidder 9.750 10/31/00 10:16:03 AM EST
Bidder 9.500 10/31/00 10:16:39 AM EST
Bidder 9.250 10/31/00 10:16:43 AM EST
B & B Screw Machine Specialists, Ltd. 9.200 10/31/00 10:17:54 AM EST
410
365
363
Start
BidWare 3.0 - Microsoft Int...
Inbox - Microsoft Outlook
CBE 418 - Test 36 In...
10:28 AM

Fig. 14

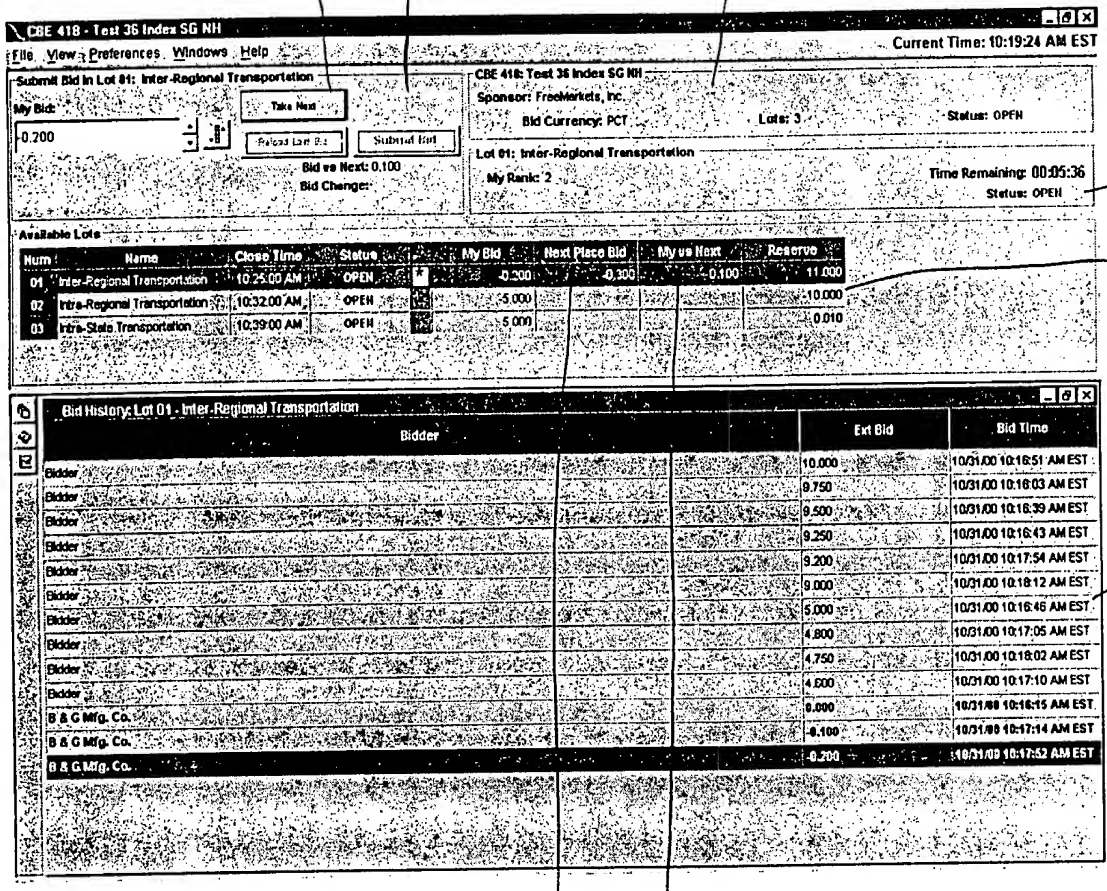

367
424
426
420
428
422
430
365
363
CBE 418 - Test 36 Index SG NH
File View Preferences Windows Help
Current Time: 10:19:24 AM EST
Submit Bid In Lot 01: Inter-Regional Transportation
My Bid:
0.200
Take Next
Reload Last Bid
Submit Bid
Bid vs Next: 0.100
Bid Change:
CBE 418: Test 36 Index SG NH
Sponsor: FreeMarkets, Inc.
Bid Currency: PCT
Lots: 3
Status: OPEN
Lot 01: Inter-Regional Transportation
My Rank: 2
Time Remaining: 00:05:36
Status: OPEN
Available Lots
Num
Name
Close Time
Status
My Bid
Next Place Bid
My vs Next
Reserve
01 Inter-Regional Transportation 10:25:00 AM OPEN 0.200 0.300 0.100 11.000
02 Intra-Regional Transportation 10:32:00 AM OPEN 5.000 10.000
03 Intra-State Transportation 10:39:00 AM OPEN 5.000 0.010
Bid History: Lot 01 - Inter-Regional Transportation
Bidder
Ext Bid
Bid Time
Bidder 10.000 10/31/00 10:16:51 AM EST
Bidder 9.750 10/31/00 10:16:03 AM EST
Bidder 9.500 10/31/00 10:16:39 AM EST
Bidder 9.250 10/31/00 10:16:43 AM EST
Bidder 9.200 10/31/00 10:17:54 AM EST
Bidder 9.000 10/31/00 10:18:12 AM EST
Bidder 5.000 10/31/00 10:16:46 AM EST
Bidder 4.800 10/31/00 10:17:05 AM EST
Bidder 4.750 10/31/00 10:18:02 AM EST
Bidder 4.600 10/31/00 10:17:10 AM EST
B & G Mfg. Co. 0.000 10/31/00 10:16:15 AM EST
B & G Mfg. Co. 0.100 10/31/00 10:17:14 AM EST
B & G Mfg. Co. 0.200 10/31/00 10:17:52 AM EST

Fig. 15

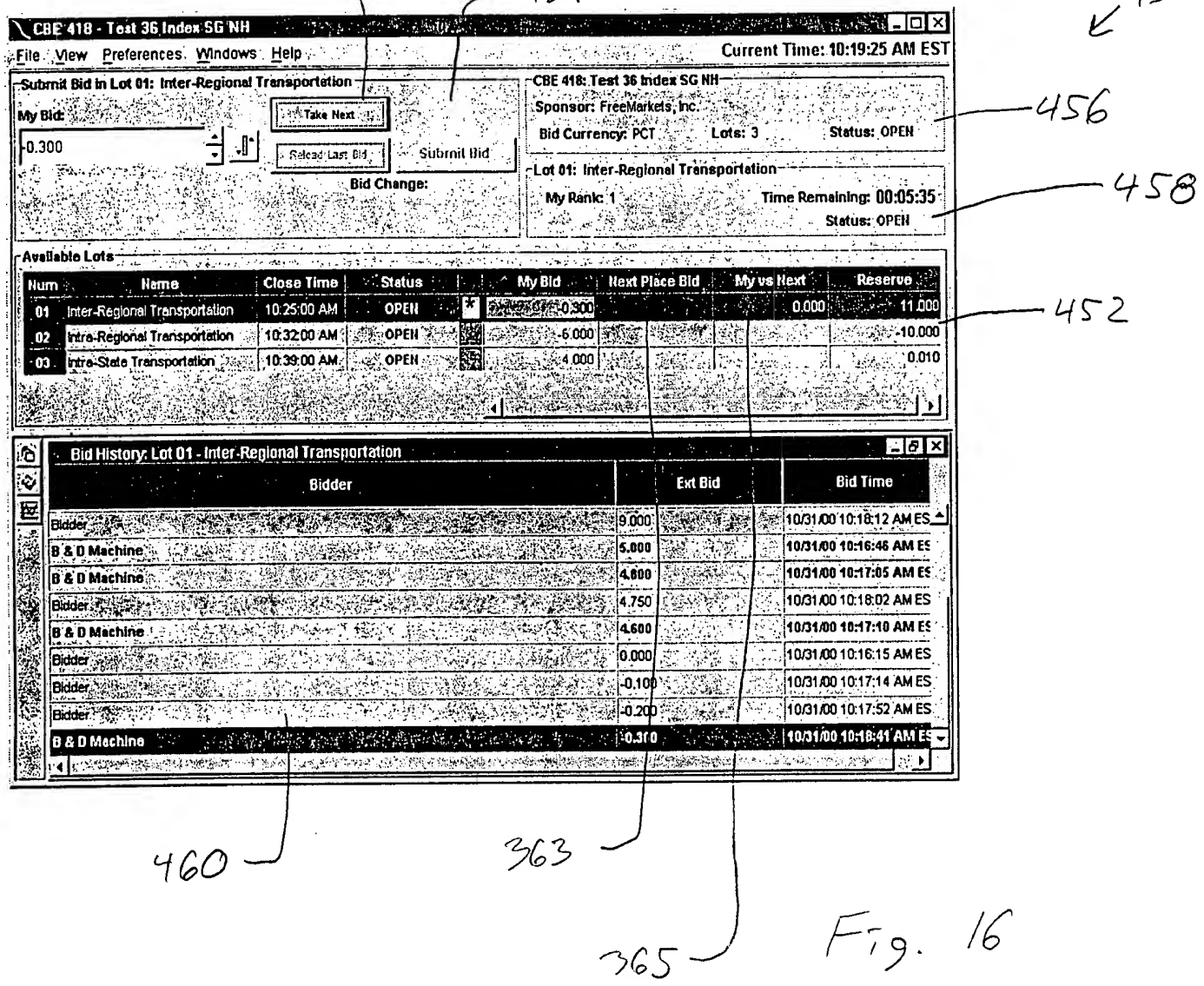

367
454
450
CBE 418 - Test 36 Index SG NH
File View Preferences Windows Help
Current Time: 10:19:25 AM EST
Submit Bid in Lot 01: Inter-Regional Transportation
My Bid:
0.300
Take Next
Reload Last Bid
Submit Bid
Bid Change:
CBE 418: Test 36 Index SG NH
Sponsor: FreeMarkets, Inc.
Bid Currency: PCT
Lots: 3
Status: OPEN
456
Lot 01: Inter-Regional Transportation
My Rank: 1
Time Remaining: 00:05:35
Status: OPEN
458
Available Lots
Num
Name
Close Time
Status
My Bid
Next Place Bid
My vs Next
Reserve
01 Inter-Regional Transportation 10:25:00 AM OPEN 0.300 0.000 11.000
02 Intra-Regional Transportation 10:32:00 AM OPEN -6.000 -10.000
03 Intra-State Transportation 10:39:00 AM OPEN 4.000 0.010
452
Bid History: Lot 01 - Inter-Regional Transportation
Bidder
Ext Bid
Bid Time
Bidder 9.000 10/31/00 10:18:12 AM ES
B & D Machine 5.000 10/31/00 10:16:46 AM ES
B & D Machine 4.600 10/31/00 10:17:05 AM ES
Bidder 4.750 10/31/00 10:18:02 AM ES
B & D Machine 4.600 10/31/00 10:17:10 AM ES
Bidder 0.000 10/31/00 10:16:15 AM ES
Bidder -0.100 10/31/00 10:17:14 AM ES
Bidder -0.200 10/31/00 10:17:52 AM ES
B & D Machine -0.300 10/31/00 10:18:41 AM ES
460
363
365

Fig. 16